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427 -001

MIDMARK®

Air Lift Physician Stool

Serial Number Prefixes:
BZ

Service and Parts Manual

427 -001

FOR USE BY MIDMARK
TRAINED TECHNICIANS ONLY

SF-1254

Part No. 004-0038-00 Rev. B (1/03)

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IMPORTANT INSTRUCTIONS

General Safety Instructions

Safety First: The primary concern of Midmark Corporation is that this table is maintained with the safety of the patient and staff in mind. To assure that services and repairs are completed safely and correctly, proceed as follows:

(1) Read this entire manual before performing any services or repairs on this table.

(2) Be sure you understand the instructions contained in this manual before attempting to service or repair this table.

Safety Alert Symbols

Throughout this manual are safety alert symbols that call attention to particular procedures. These items are used as follows:

DANGER

A DANGER is used for an imminently hazardous operating procedure, practice, or condition which, if not correctly followed, will result in loss of life or serious personal injury.

WARNING

A WARNING is used for a potentially hazardous operating procedure, practice, or condition which, if not correctly followed, could result in loss of life or serious personal injury.

CAUTION

A CAUTION is used for a potentially hazardous operating procedure, practice, or condition which, if not correctly followed, could result in minor or moderate injury. It may also be used to alert against unsafe practices.

EQUIPMENT ALERT

An EQUIPMENT ALERT is used for an imminently or potentially hazardous operating procedure, practice, or condition which, if not correctly followed, will or could result in serious, moderate, or minor damage to unit.

NOTE

A NOTE is used to amplify an operating procedure, practice or condition.

Warranty Instructions

Refer to the Midmark “Limited Warranty” printed in the Installation and Operation Manual for warranty information. Failure to follow the guidelines listed below will void the warranty and/or render the 355 Lighting System unsafe for operation.

- In the event of a malfunction, do not attempt to operate the table until necessary repairs have been made.
- Do not attempt to disassemble table, replace malfunctioning or damaged components, or perform adjustments unless you are one of Midmark’s authorized service technicians.
- Do not substitute parts of another manufacturer when replacing inoperative or damaged components. Use only Midmark replacement parts.

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SECTION VI
PARTS LIST

6.1 Introduction

The illustrated parts list provides information for identifying and ordering the parts necessary to maintain the unit in peak operating condition. Refer to paragraph 1.5 for parts ordering information.

The parts list also illustrates disassembly and assembly relationships of parts.

6.2 Description of Columns

The *Item* column of the parts list gives a component its own unique number. The same number is given to the component in the parts illustration. This allows a part number of a component to be found if the technician can visually spot the part on the illustration. The technician simply finds the component in question on the illustration and notes the item number of that component. Then, he finds that item number in the parts list. The row corresponding to the item number gives the technician the part number, a description of the component, and quantity of parts per subassembly. Also, if a part number is known, the location of that component can be determined by looking for the item number of the component on the illustration.

The *Part No.* column lists the MIDMARK part number for that component.

The *Description* column provides a physical description of the component.

The *Qty.* column lists the number of units of a particular component that is required for the subassembly. The letters “AR” denote “as required” when quantities of a particular component cannot be determined, such as: adhesive.

Bullets { • } in the *Part No.* column and the *Description* column show the indenture level of a component. If a component does not have a bullet, it is a main component of that illustration. If a component has a bullet, it is a subcomponent of the next component listed higher in the parts list than itself that does not have a bullet. Likewise, if a component has two bullets, it is a subcomponent of the next component listed higher in the parts list than itself that has only one bullet.

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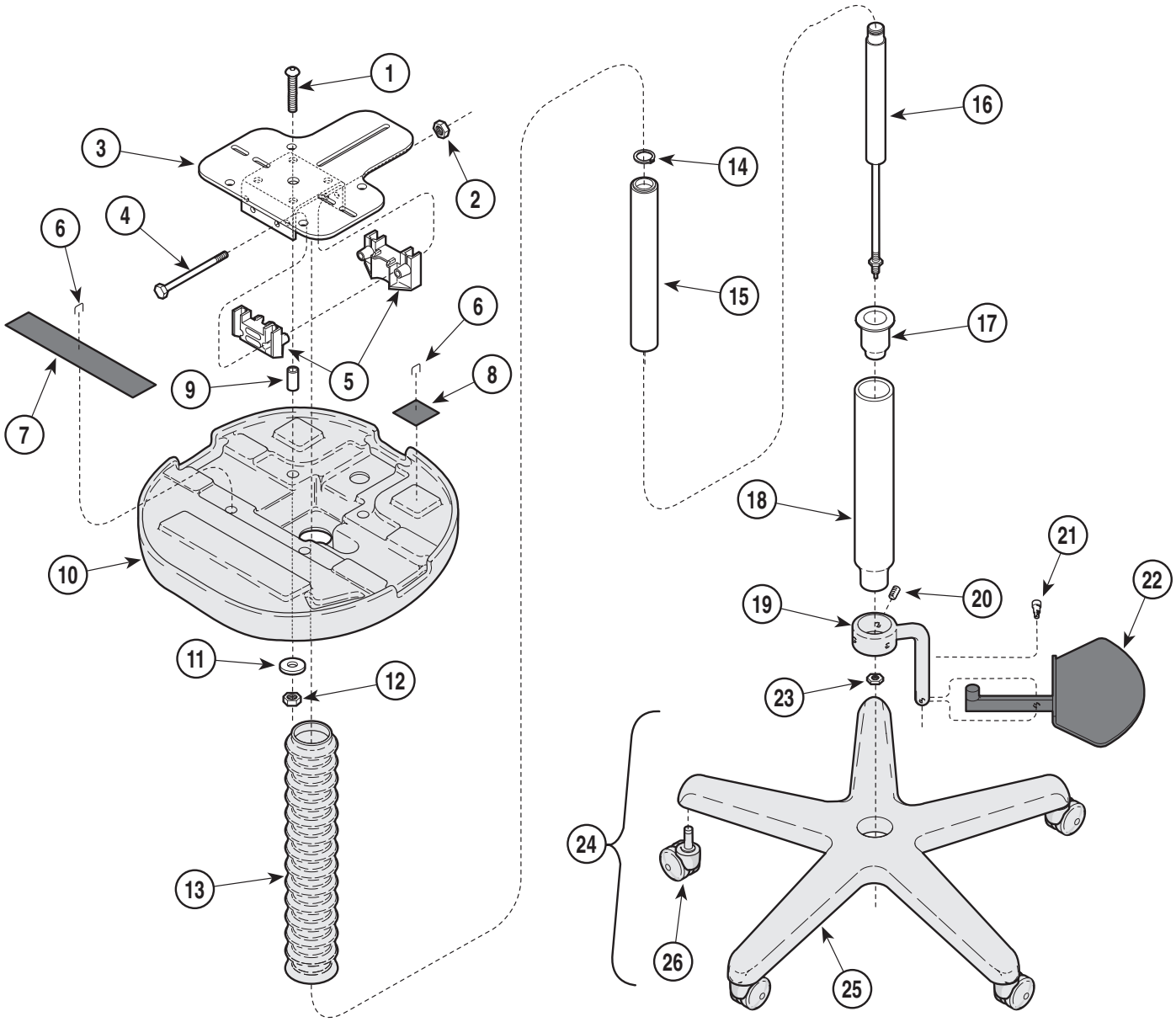
427 Stool Assembly



MA333400

Used On Units With Serial Number BZ1000 thru BZ1834

Item	Part No.	Description	Qty.
	427-001	Stool Assembly w/ Foot Release (Includes Items 1 thru 26)	1
1	• 040-0250-82	• Screw	4
2	• 041-0312-01	• Nut	2
3	• 050-4689-10	• Mounting Base Weldment	1
4	• 040-0312-09	• Screw	2
5	• 016-0090-02	• Die Cast Jaw	2
6	• 042-0040-00	• Staple	76
7	• 053-0131-08	• Velcro Hook	1
8	• 053-0131-00	• Velcro Hook	2
9	• 052-0156-00	• Spacer	4
10	• 053-0342-00	• Upper Shell	1
11	• 045-0001-60	• Washer	4
12	• 041-0250-01	• Nut	4
13	• 053-0344-00	• Cylinder Bellows	1
14	• 042-0047-00	• Cresent Ring	1
15	• 030-0316-00	• Tube Weldment	1
16	• 016-0181-00	• Column Gas Cylinder	1
17	• 053-0151-00	• Bushing	1
18	• 016-0315-00	• Column Weldment	1
19	• 030-0639-10	• Foot Release Collar Weldment	1
20	• 040-0250-05	• Set Screw (Apply Loctite #042-0025-00)	3
21	• 042-0014-22	• Shoulder Screw (Apply Loctite #042-0024-00)	1
22	• 030-0644-00	• Foot Release Pedal Weldment	1
23	• 016-0182-00	• Hex Nut	1
24	• 016-0368-01	• Roller Base Assembly (Includes Items 19 and 20)	1
25	• • 016-0493-00	• • Roller Base (Less Casters)	1
26	• • 016-0378-01	• • Twin Wheel Caster	5

Always Specify Model & Serial Number

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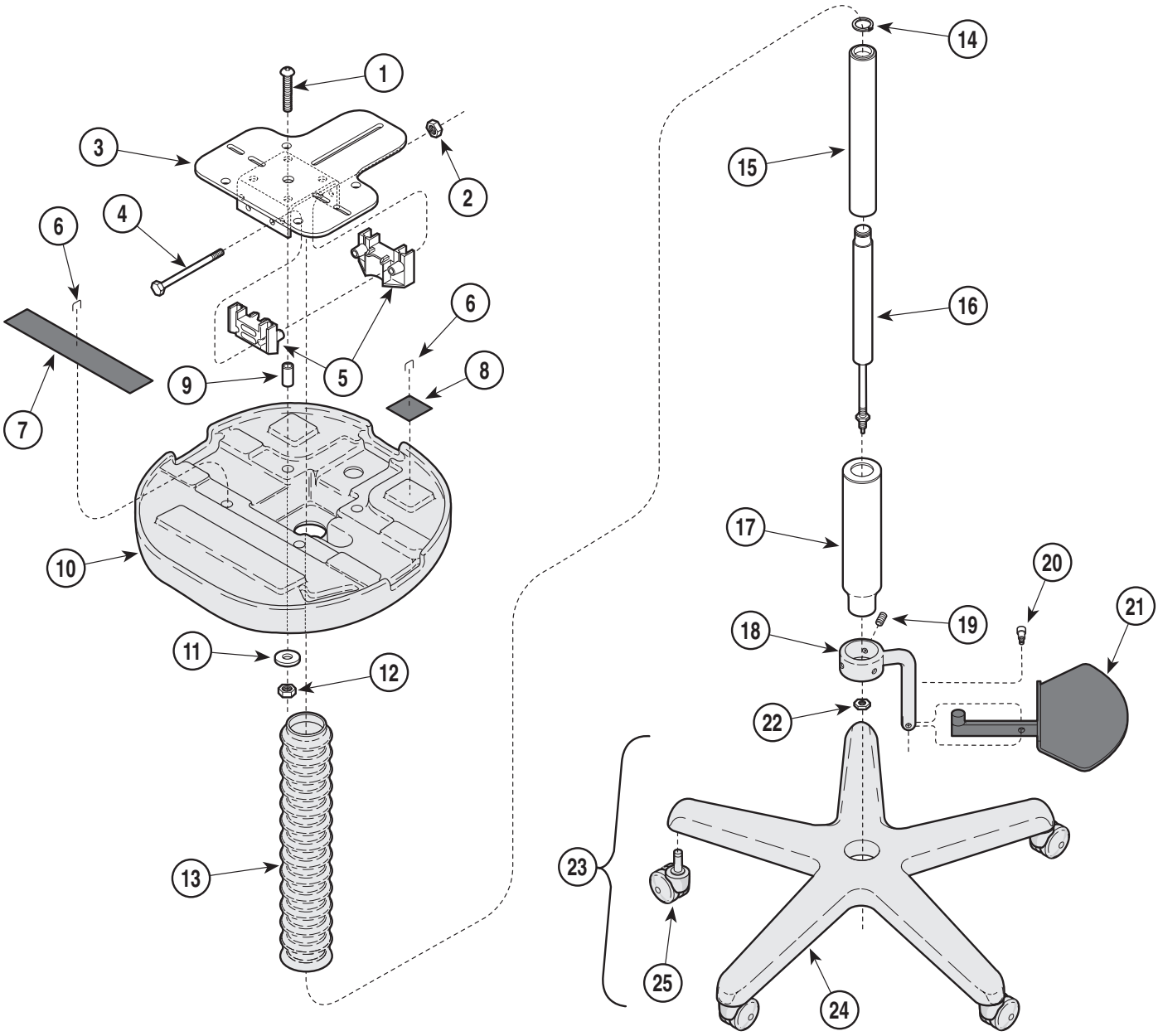
427 Stool Assembly



MA333500

Used On Units With Serial Number BZ1835 thru Present

Item	Part No.	Description	Qty.
	427-001	Stool Assembly w/ Foot Release (Includes Items 1 thru 25)	1
1	• 040-0250-82	• Screw	4
2	• 041-0312-01	• Nut	2
3	• 050-4689-10	• Mounting Base Weldment	1
4	• 040-0312-09	• Screw	2
5	• 016-0090-02	• Die Cast Jaw	2
6	• 042-0040-00	• Staple	76
7	• 053-0131-08	• Velcro Hook	1
8	• 053-0131-00	• Velcro Hook	2
9	• 052-0156-00	• Spacer	4
10	• 053-0342-00	• Upper Shell	1
11	• 045-0001-60	• Washer	4
12	• 041-0250-01	• Nut	4
13	• 053-0344-00	• Cylinder Bellows	1
14	• 042-0047-00	• Cresent Ring	1
15	• 030-0316-00	• Column Weldment	1
16	• 016-0181-00	• Column Gas Cylinder	1
17	• 016-0669-00	• Column Assembly for Gas Cylinder	1
18	• 030-0639-10	• Foot Release Collar Weldment	1
19	• 040-0250-05	• Set Screw (Apply Loctite #042-0025-00)	3
20	• 042-0014-22	• Shoulder Screw (Apply Loctite #042-0024-00)	1
21	• 030-0644-00	• Foot Release Pedal Weldment	1
22	• 016-0182-00	• Hex Nut	1
23	• 016-0368-01	• Roller Base Assembly (Includes Items 19 and 20)	1
24	• • 016-0493-00	• • Roller Base (Less Casters)	1
25	• • 016-0378-01	• • Twin Wheel Caster	5

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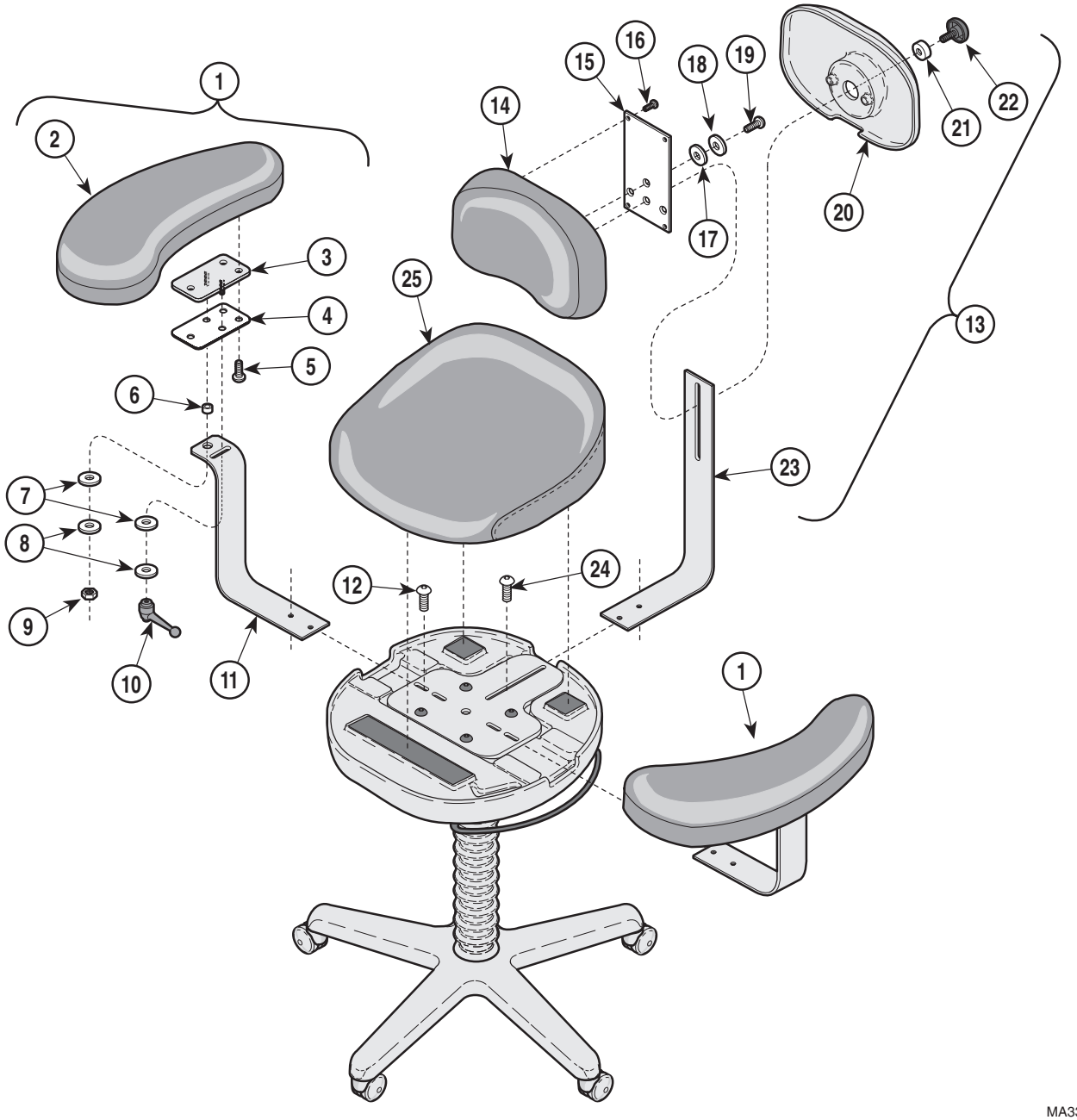
Stool Accessories



MA333300

Item	Part No.	Description	Qty.
1	002-0275-XX	Stool Arm Kit (Includes Items 1 thru 12 [Specify Color])	1
2	• 028-0224-XX	• R.H. Upholstered Armrest (Specify Color)	1
	• 028-0225-XX	• R.H. Upholstered Armrest (Specify Color)	1
3	• 030-0649-10	• Arm Pivot Weldment	2
4	• 053-0348-00	• Arm Pivot	2
5	• 040-0250-86	• Screw	6
6	• 053-0081-00	• Stop	2
7	• 045-0007-01	• Nylon Washer	4
8	• 045-0001-02	• Washer	4
9	• 041-0250-01	• Nut	2
10	• 016-0374-00	• Torque Lever	2
11	• 051-0593-00	• Arm Support Bar	2
12	• 040-0250-08	• Screw	4
13	002-0274-XX	Stool Backrest Kit (Includes Items 14 thru 24 [Specify Color])	1
14	• 028-0223-XX	• Upholstered Backrest (Specify Color)	1
15	• 053-0427-00	• Back Plate	1
16	• 040-0010-81	• Screw	4
17	• 045-0007-01	• Nylon Washer	1
18	• 045-0001-02	• Washer	1
19	• 040-0250-86	• Screw	1
20	• 053-0343-00	• Backrest Cover	1
21	• 053-0356-00	• Torque Knob Spacer	1
22	• 016-0343-01	• Torque Knob	1
23	• 051-0594-00	• Back Support Bar	1
24	• 040-0250-08	• Screw	2
25	002-0273-XX	Upholstered Seat (Specify Color)	1

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COMMENTS

The Technical Publications Department of Midmark Corporation takes pride in its publications. We are sure that our manuals will fill all of your needs when you are performing scheduled maintenance, servicing, or repairs on a Midmark product.

However, if you find any errors or feel that there should be a change, addition, or deletion to a manual, please let us know!

Page(s) and Paragraph(s) Needing Changed:

Description of Error or Desired Change:

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FAX ORDERING FORM

(SERVICE PARTS ONLY)

NOTES:

- **ALL BLOCKED AREAS MUST BE COMPLETED.**
- **USE FOR NON-WARRANTY FAX ORDERS ONLY. WARRANTY ORDERS MUST BE TELEPHONED IN (1-800-MIDMARK).**

ATTENTION: SERVICE DEPARTMENT FAX#: 877-249-1793

ACCT #: _____ **P.O. #:** _____ **DATE:** _____

NAME: _____ **SHIP TO:** _____

ADDRESS: _____

CITY, ST.: _____

CONTACT: _____

PHONE: _____

☐ **NON-EMERGENCY ORDER - TO SHIP WITHIN 72 HOURS IF PART(S) IN STOCK.**

☐ **EMERGENCY ORDER - TO SHIP WITHIN 24 HOURS IF PART(S) IN STOCK (IF ORDER IS RECEIVED BEFORE 1:30 P.M. E.S.T).**

SEND NOTIFICATION IF PARTS ARE NOT AVAILABLE TO SHIP WITHIN 24 HOURS VIA E-MAIL OR FAX TO: _____

METHOD OF SHIPMENT **OTHER** _____

UPS	FED EX
☐ NEXT DAY A.M.	☐ NEXT DAY A.M.
☐ NEXT DAY P.M.	☐ NEXT DAY P.M.
☐ 2ND DAY	☐ 2ND DAY
☐ GROUND	☐ ECONOMY

QTY.	PART #	DESCRIPTION (SPECIFY COLOR OF ITEM IF APPLICABLE)	COLOR CODE	PRICE/PER

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